

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Wolfgang ZIRWAS

Serial No.

Group Art Unit:

Confirmation No.

Filed: (Concurrently)

Examiner:

For: METHOD FOR OPERATING A RADIO COMMUNICATION SYSTEM, RECEIVER
STATION AND SENDING STATION FOR A RADIO COMMUNICATION SYSTEM

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

- 1a. ☒ Form PTO-1449.
- 1b. ☒ Copy(ies) of IDS citation(s), except for U.S. Patents and U.S. Patent Application publications.
- 1c. ☒ English language copy of a communication(s) from a foreign Patent Office or a PCT International Search Report.
- 1d. ☒ English language translation (complete, Abstract or relevant portion(s)) attached to non-English language publications as indicated on the attached Form PTO-1449.
- 1e. ☐ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of non-English publications.
- 1f. ☐ List of Copending Applications (ATTACHMENT 1(f), hereto).
- 1g. ☒ List of Additional Submitted Documents (ATTACHMENT 1(g), hereto).

2. ☐ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is

(Check appropriate Items 2a, 2b, 2c and/or 2d)

2a. ☐ satisfied for the non-English language publication(s) cited on the enclosed

"English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, 8th Ed., Rev. 2)

- 2b. ☐ set forth in the application.
- 2c. ☐ satisfied for the non-English language publication(s) indicated on the attached PTO-1449 as having an English language translation (complete, Abstract or relevant portion(s)) attached thereto.
- 2d. ☐ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

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ATTACHMENT 1(g)

LIST OF ADDITIONAL SUBMITTED DOCUMENTS	ATTORNEY DOCKET NO.		APPLICATION NO.
	1454.1680		607368223
	FIRST NAMED INVENTOR		
	Wolfgang ZIRWAS		
FILING DATE		GROUP ART UNIT	
(Concurrently)			

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AB							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

						TRANSLATION YES NO	
	AC	International Search Report for Application No. PCT/EP2004/051469; mailed December 3, 2004.					
	AD						

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>	ATTORNEY DOCKET NO. 1454.1680	APPLICATION NO. 10/568223
	FIRST NAMED INVENTOR Wolfgang ZIRWAS	
	FILING DATE (Concurrently)	GROUP ART UNIT

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	3,717,814	02/20/1973	GANS			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT
	AB	1 267 443 A2	12/18/2002	EUROPE			
	AC	03/063526 A1	07/31/2003	WIPO			X
	AD	1 469 686 A1	10/20/2004	EUROPE			
	AE						

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

			TRANSLATION YES NO	
	AF	"Advanced Closed Loop Tx Diversity Concept (Eigenbeamformer); 3GPP TSG RAN WG 1; Meeting #14; July 4-7, 2000; pp. 1-12.		
	AG	"Physical Layer Procedure (FDD)", 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Release 1999; 3GPP TS 25.214 v3.4.0; 2000; pp. 1-46.		
	AH	"Description of the Eigenbeamformer Concept (update) and Performance Evaluation"; 3GPP TSG RAN WG 1; TSGR1 #19 R1-01-0202; Feb. 27-Mar. 2, 2001; pp. 1-9.		
EXAMINER		DATE CONSIDERED		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				